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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,572	01/27/2004	Jerry Moscovitch	5US1PC1US1US	9024

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EXAMINER

ZARROLI, MICHAEL C

ART UNIT	PAPER NUMBER
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2839

DATE MAILED: 12/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/764,572

Applicant(s)

MOSCOVITCH, JERRY

Examiner

Michael C. Zarroli

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-102 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7-11, 13-29, 31-35, 45-49 and 51-56 is/are rejected.
- 7) ☒ Claim(s) 6, 12, 30, 36-37, 50 is/are objected to.
- 8) ☒ Claim(s) 38-44 and 57-102 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 1/27/04 & 12/20/04 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of species 1 in the reply filed on 11/14/05 is acknowledged.

Double Patenting

2. Applicant is advised that should claim 1 be found allowable, claims 7 and 45 will be objected to under 37 CFR 1.75 as being a substantial duplicate thereof.

When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

3. Applicant is advised that should claim 13 be found allowable, claim 19 will be objected to under 37 CFR 1.75 as being a substantial duplicate thereof. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

Claim Objections

4. Claim 25 objected to because of the following informalities: In line 1 page 19 “a display” should be -- the display--. Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. Claims 13-24, 51-56 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 13 and 19 appear to recite a first mounting component with a display and a second mounting component with a display; see line 5 page 15 of claim 13. Two mounting components on two different displays are not shown in any of the drawings. The examiner will interpret claim 13 as he has edited the claim in the rejection below. Claim 19 being virtually the same as claim 13 (see double patenting warning above) will not be edited. Claim 51 also has similar problems but not to the extent of claim 13.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-4, 7-10, 45-49 rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses a connector apparatus for allowing quick electrical and mechanical coupling and decoupling of a display (90 in fig. 1A unnumbered top) to a support member 20 disposed within a vehicle (title & abstract 1st sentence), the apparatus comprising: a first mounting component fig. 1A for the display, the first mounting component having a first engaging member 48 and a first electrical connector 96; and (b) a second mounting component 10 for the support member disposed within the vehicle, the second mounting component including a second engaging member 34 having a shape complementary to the first engaging member fig. 4 and a second electrical connector 32, the second engaging member being configured to engage with the first engaging member to physically support the display fig. 5 on the support member disposed within the vehicle, while the first electrical connector concurrently electrically couples the second electrical connector to permit electrical communication between the two electrical connectors (various figures).

Claims 2, 8, 46 Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10.

Claims 3, 9, 47 Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claim 4, 10 and, 48 Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

Claims 5, 11 and, 49 Kunert discloses that the first and second electrical connectors mechanically engage fig. 4 one another when the first and second mounting components are mechanically engaged fig. 4.

8. Claims 13-16, 19-22 and, 51-54 (**as best understood**) rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses [a mounting component] an electrical connector apparatus (title) for a support member 20 disposed within a vehicle (abstract 1st sentence) for supporting a display (90 in fig. 1A top) on [the support member] a first mounting component (fig. 1A left side) so as to allow quick electrical and mechanical coupling and decoupling of the display to the support member, the first mounting component comprising: a first engaging member 48; and a first electrical connector

96; wherein the first mounting component is configured for selective coupling to a second mounting component 28, 40 mounted on [a display] support member and including a second engaging member 34 having a shape complementary to the first engaging member fig. 4 and a second electrical connector 32, so that when the first engaging member engages the second engaging member fig.4, the display will be physically supported on the support member fig. 8A in the vehicle while the first electrical connector concurrently electrically couples the second electrical connector fig. 5 to also cause electrical communication between the two electrical connectors.

Claims 14, 20, 52 Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10. Claims 15, 21, 53 Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claims 16, 22, 54 Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

9. Claims 25-29, 31-35 rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses a connector apparatus fig. 1A for allowing quick electrical and mechanical coupling and decoupling of a display 90 substantially limited to displaying results of computer operations performed remote from the display (abstract 1st sentence) to a support member 20, the apparatus comprising: (a) a (sic the) display 90 having a first mounting component fig. 1A, the first mounting component having a first engaging member 48 and a first electrical connector 96; and (b) a second mounting component fig. 1A for the support member, the second mounting component including a second engaging member 34 having a shape complementary to the first engaging member fig. 5 and a second electrical connector 32, the second engaging member being configured to engage with the first engaging member to physically support the display on the support member (figures 4 & 5), while the first electrical connector concurrently electrically couples the second electrical connector to permit electrical communication between the two electrical connectors.

Claims 26, 32 Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10.

Claims 27, 33 Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claims 28, 34 Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

Claims 29, 35 Kunert discloses that the first and second electrical connectors mechanically engage fig. 4 one another when the first and second mounting components are mechanically engaged fig. 4.

Allowable Subject Matter

10. Claims 6, 12, 30, 36-37, 50 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

11. Claims 17-18, 23-24, 55-56 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

12. The following is a statement of reasons for the indication of allowable subject matter: Regarding claims 6, 12, 17-18, 23-24, 30, 36-37, 50, 55-56, the cavity leading portion that is wider than the non-leading portion of the cavity and adapted to receive the insertion portion before to insertion into the leading portion of the cavity.

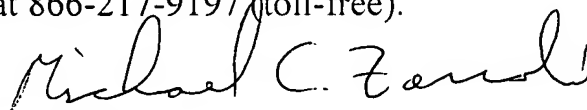
Conclusion

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chian and Clark teach vehicle-mounting portions for quick mounting and dismounting of a display.

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Zarroli whose telephone number is 571-272-2101. The examiner can normally be reached on 7:30 to 3:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, T.C. Patel can be reached on (571) 272-2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Michael C. Zarroli
Primary Examiner
Art Unit 2839

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